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1876 N° 1931

THE ARDON

WILLIAMSON

THE ARDON



A.D. 1873, 29th MAY. N° 1931.

Elastic Beds, Seats, &c.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by Clara Thomson at the Office of the Commissioners of Patents, with her Petition, on the 29th May 1873.—A communication by my late husband Robert William Thomson, formerly of Edinburgh, to be as follows :—

5 I, CLARA THOMSON, of the City of Edinburgh, North Britain, Widow, do hereby declare the nature of the said Invention for "IMPROVEMENTS IN ELASTIC BEDS, SEATS, AND OTHER SUPPORTS OR CUSHIONS," (a communication to me by my late husband, Robert William Thomson, formerly of Edinburgh,) to be as follows :—

10 This Invention relates to an improved combination of parts, which may be advantageously adopted in making elastic beds, seats, and other supports or cushions.

In carrying out the Invention according to one modification, a surface is formed by combining together a number of hexagonal pieces of wood
15 or other suitable material, each piece having a spindle projecting down from it. The spindles pass through holes in a bottom board or plate, and helical wire springs are placed on them so as to be compressed between the hexagonal pieces and the bottom board, whilst the height to which the springs can raise the hexagonal pieces is limited by cross pins fixed

Thomson's Improvements in Elastic Beds, Seats, &c.

in the spindles beneath the board. The hexagonal pieces are of small size, say, about an inch and a half in diameter, or smaller, and the springs are made of such moderate strength and such extent of action that when the pieces become depressed unequally by the person resting on or against them, they adapt themselves to the form without reacting with any appreciably unequal pressure. The pieces instead of being hexagonal may be made of square or other forms or combinations of forms that will combine to produce a complete surface, and if required the pieces may be of sizes varying from those above mentioned.

LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1873.

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